

**IN THE SPECIFICATION**

Please amend the second paragraph on page 5 as follows:

-- Representative examples of the polymerizable monomer having cationic surfactant activity are alkyltrimethylammonium acrylate, alkyltrimethylammonium ~~(met)acrylate~~, (meth)acrylate, alkyltrimethylammonium vinylacetate, alkyltrimethylammonium vinylbenzoate, alkyltrimethylammonium vinylphosphonate, alkyltrimethylammonium vinylsulfonate, alkyltrimethylammonium vinylbenzenesulfonate, alkyltriethylammonium acrylate, alkyltriethylammonium ~~(met)acrylate~~, (meth)acrylate, alkyltriethylammonium vinylacetate, alkyltriethylammonium vinylbenzoate, alkyltriethylammonium vinylphosphonate, alkyltriethylammonium vinylsulfonate and alkyltriethylammonium vinylbenzenesulfonate, wherein the alkyl is preferably C<sub>7-40</sub> alkyl, more preferably C<sub>10-16</sub> alkyl. --

Please amend line 11, page 10 as follows:

-- Preparation 1-3: Synthesis of decyltrimethylammonium ~~metacrylate~~ methacrylate (DTAM) --

Please amend line 14, page 12 as follows:

-- Preparation 2-3: Synthesis of cetyltrimethylammonium ~~metacrylate~~ methacrylate (CTAM) --

Please amend line 5, page 14 as follows:

-- Example 2: Synthesis of cross-linked  
polydecyltrimethylammonium ~~metaacrylate~~ methacrylate (PDTAM) --

Please amend line 2, page 15 as follows:

-- Example 5: Synthesis of cross-linked  
polycetyltrimethylammonium ~~metaacrylate~~ methacrylate (PCTAM) --

Please amend lines 3-5, page 16 as follows:

-- Comparative Example I: Synthesis of cross-linked poly  
~~metaacrylic~~ methacrylic acid (PMA)

The procedure of Example 1 was repeated except that ~~metaacrylic~~  
methacrylic acid (1g) was used instead of DTAA (1 g) to obtain the title compound as  
a transparent polymer gel, i.e., a polymer gel without a surfactant. --